

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, DC 20231

J1031 U.S. PTO



03/14/01

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s): Sangita PHADTARE, Kunitoshi YAMANAKA, Ikunoshin KATO, Masayori, INOUYE

For: ANTIBACTERIAL ACTIVITY OF 4,5-DIHYDROXY-2-CYCLOPENTAN-1-ONE (DHCP) AND CLONING A GENE  
CONFERENCING DHCP RESISTANCE IN ESCHERCHIA COLI

Also enclosed are:

- ☒ 8 Sheets of drawings
- ☒ Recordation Form Cover Sheet - Patents Only and an Assignment of the invention to The University of Medicine and Dentistry of New Jersey
- ☒ Postcard and Express Mail Certification

The filing fee has been calculated as shown below:

	NO. OF CLAIMS FILED		NO. OF CLAIMS FROM BASIC FEE	NO. OF EXTRA CLAIMS
TOTAL	14	-	20 =	0
INDEP.	3	-	3 =	0
First presentation of multiple dependent claim				

## SMALL ENTITY

RATE	BASIC FEE \$355.
x 9=	\$
x 40=	\$
+135=	\$

OR

OTHER THAN  
SMALL ENTITY

RATE	BASIC FEE \$710.
x 18=	\$710.00
x 80=	\$0
+270=	\$0

TOTAL FEE \$ 710.00 OR \$ 710.00☒ A check in the amount of \$ 710.00 is enclosed to cover the official filing fee for a large entity.☐ A check in the amount of \$        is enclosed to cover the official filing fee for a small entity.☒ A check in the amount of \$ 40.00 is enclosed to cover the recordal fee.☐ Please charge my Deposit Account No. 13-3405 in the amount of \$       . A duplicate copy of this sheet is enclosed.☒ In regard to this communication, the Commissioner is hereby authorized to charge payment of any additional filing fees required under 37 CFR §1.16 and any additional patent application processing fees under 37 CFR §1.17 or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.☒ During the pendency of this application, the Commissioner is hereby authorized to charge payment of any filing fees for presentation of extra claims under 37 CFR §1.16 and any patent application processing fees under 37 CFR §1.17 or credit any overpayment to Deposit Account No. 13-3405. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Art Unit : 36th Floor  
Examiner : 1600 Market Street  
Serial No. : Philadelphia, PA 19103  
Filed :  
Inventors :Sangita Phadtare Docket: 1137-R-00  
:Kunitoshi Yamanaka  
:Ikunoshin Kato  
:Masayori Inouye  
Title :ANTIBACTERIAL ACTIVITY OF  
:OF 4,5-DIHYDROXY  
:-2-CYCLOPENTAN-1-ONE  
:(DHCP) AND CLONING A GENE  
:CONFERENCING DHCP RESISTANCE Dated: March 14, 2001  
:IN ESCHERCHIA COLI

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**Box Patent Applications**

Assistant Commissioner for Patents  
Washington, DC 20231

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**EXPRESS MAIL CERTIFICATION**

**37 C.F.R. §1.10**

Express Mail Label No.: EL618700132US  
Date of Deposit: March 14, 2001  
Description of Contents: Postcard, \$710.00 Check, \$40.00 Check, Application Transmittal Letter, in duplicate, Specification including claims and abstract, eight (8) sheets of drawings, Sequence Listing w/ disk, executed Combined Declaration, Power of Attorney and Petition, Recordation Form Cover Sheet - Patents Only and executed Assignment.

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR §1.10 on the date indicated above and is addressed to **Box Patent Applications**, Assistant Commissioner for Patents, Washington, DC 20231.

Jacqueline Ricciuti

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